

# Concrete Testing Compression Machines

## ADR Touch 1500, 2000 and 3000 kN Compression Machines

The ADR Touch range of 1500, 2000 and 3000 kN capacity compression machines have been designed to meet the need for reliable and consistent testing.

The load frame is a welded steel fabrication carrying the ball-seated upper platen. Positively located on the loading ram which is protected from debris by a flexible cover, the lower platen is marked for the centring of cube and cylinder specimens. Self-centring lower platens for cube location are supplied as standard on EN machines and are available as an optional extra on the standard machine.

## Standard Compression Testing Machines

36-0720/01

- ▶ 1560 kN/350 000 lbf capacity
- ▶ Calibration accuracy to BS EN ISO 7500-1; ASTM E4
- ▶ Efficient hydraulic power packs
- ▶ Economic machines ideal for site use

The 1500 range of compression machines has been designed to meet the need for a simple, economic and reliable means of testing concrete.

## Specimen Capacity

The dimensions of the frame allow the testing of cylinders up to 320 mm long x 160 mm diameter, and cubes 150 or 100 mm square. Kerbs and flagstones may also be tested on the ADR machine as well as 150 mm and 100 mm square section beams to ASTM C78, using the optional 100 kN flexural frames which are connected to the power pack.

## Load Indication

The ADR Touch digital readout is a microprocessor controlled instrument, which is fitted as standard to all digital machines in the range. Load can be displayed in kN, lbf or kgf as selected by the operator.

- ▶ 36-3090/01
- ▶ 2000 kN/450 000 lbf capacity
- ▶ Tests 150 and 100 mm concrete cubes or cylinders up to 320 x 160 mm diameter
- ▶ Supplied with Windows® download software as standard

Incorporating the ADR Touch digital readout, the machines are designed to test cubes and cylinders in accordance with most International Standards. Supplied fitted for cylinder testing with safety gates. When used for cube testing, appropriate distance pieces according to the size of specimen to be tested are required and must be ordered separately.

## Ordering Information

**EL36-0720/01** ADR Touch 1500 Compression Machine with Digital Readout.  
For 220-240 V AC, 50-60 Hz 1 ph.

**EL36-3090/01** ADR Touch 2000 Standard Compression Machine with Digital Readout.  
For 220-240 V AC, 50-60 Hz 1 ph.

Machines are supplied ready for testing cylinders 300 x 150 mm diameter. Distance pieces for testing other sizes of samples are available as optional accessories; contact ELE for further information.

